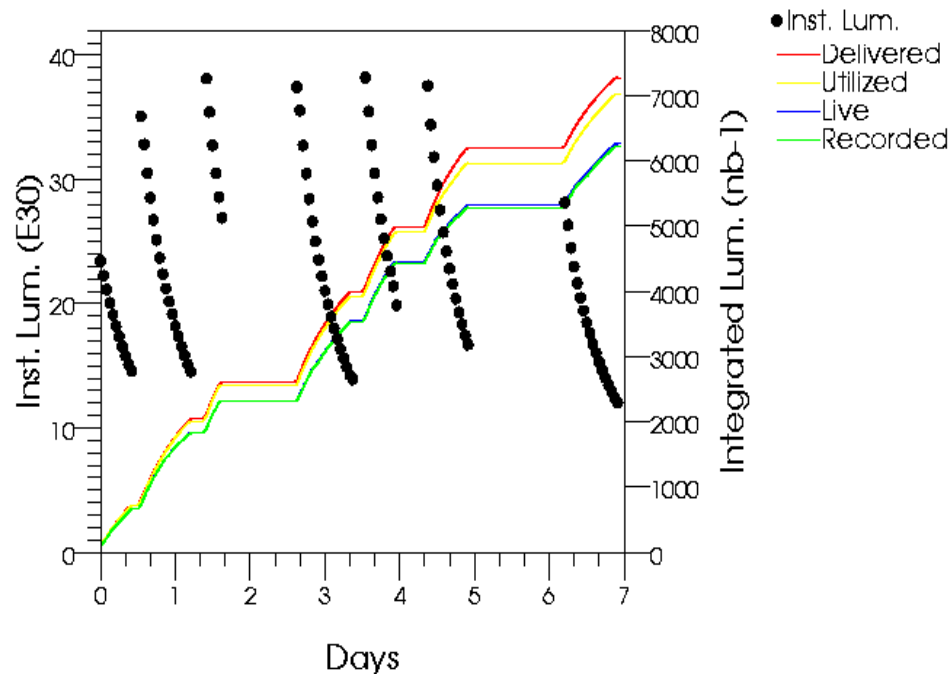
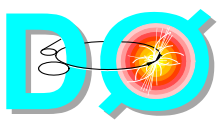


DO Weekly Summary: May 4th to May 11th

- Delivered Luminosity and operating efficiency
 - ♦ Delivered 7.3pb^{-1}
 - ♦ Recorded 6.3pb^{-1} (86%)
- Mostly smooth data taking except Friday, May 9th
 - ♦ Silicon low voltage supplies trips
- Total number of events collected
 - ♦ 12 mln
- Beam halo
 - ♦ Mainly close to be within specs
 - ♦ Problems are resolved with MCR on case by case basis
- Beam position
 - ♦ Within 1mm from the detector center and stable

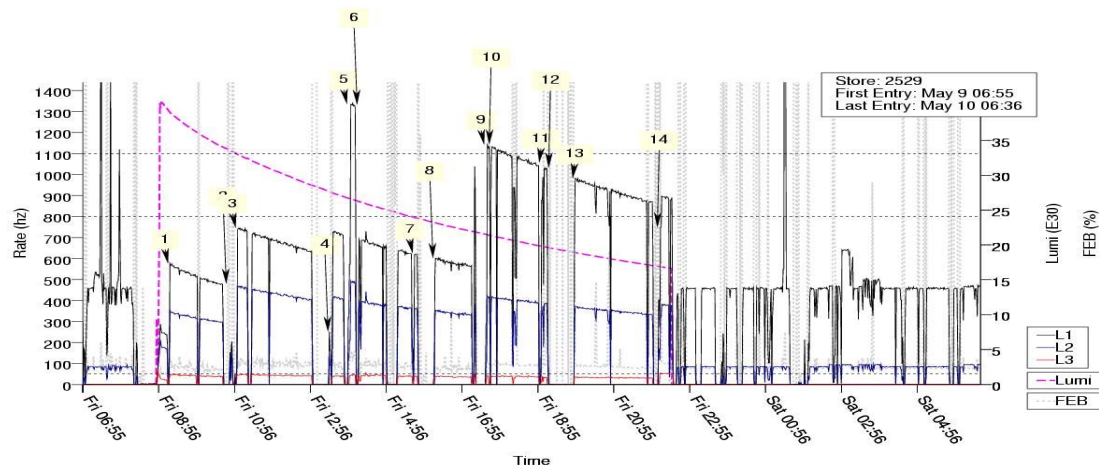


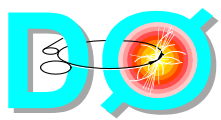
Day of the week



DO Data Collection

- Typical data collection is smooth with interventions required only a few times per day
- Typical weekly inefficiency is ~13%-14%
 - ♦ ~4% front-end busy
 - ♦ ~4% begin/end runs, begin/end stores, etc.
 - ♦ ~5-6% are sub-systems failures during data taking
- Friday May 9th
 - ♦ Warm and humid
 - ♦ Error with selection of the collision hall humidity caused humidity increase
 - ♦ Increase in humidity caused silicon smoke alarms to set false alarms and trip LV
 - ♦ Humidity settings adjusted after first trip, but it took ~ 6 hours to “dry” the hall
 - ▲ ~72% efficiency for the day





DO Summary

- Stably collecting physics data with full detector in readout
 - ◆ 86% weekly data taking efficiency
 - ◆ Stably above 85% during month of May
- Clearly see improvements in Tevatron luminosity lately
 - ◆ 2 of the 4 best Run II days in terms of delivered luminosity are last week
 - ◆ 5 of the 5 best Run II stores in terms of delivered luminosity are from May 2003
- Plan for this week
 - ◆ Physics data taking during stack and store operations
 - ◆ No access requests